

20000922.qrp v01_n952.qrl.20000922

Date: Fri, 22 Sep 2000 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1952

QRP-L Digest 1952

Topics covered in this issue include:

- 1) [80025] Filter References for Limited budgets
by "James R. Duffey" <jamesd1@flash.net>
- 2) [80026] LM4881 boomer
by "Terres Family" <terresfm@ncia.net>
- 3) [80027] 30 Day Propagation Forecast
by "James R. Duffey" <jamesd1@flash.net>
- 4) [80028] QRP Afield log
by Bill Stietenroth <k5zty@juno.com>
- 5) [80029] Re: Source for Zverev Filter Book
by Al Scanandoah <k2zn@rochester.rr.com>
- 6) [80030] AT: Reminder - VT AT activation tomorrow
by John Wagner <john@neknetwork.com>
- 7) [80031] help please
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [80032] Re: Filter References for Limited budgets
by "Chuck Carpenter" <w5usj@globeco.net>
- 9) [80033] Re: PSK 31 ON 80 METERS
by "Rick - WW9JD" <ww9jd@arrl.net>
- 10) [80034] Good Idea from the new QRPP - Generating HV DC for Tube Rigs
by Sam Billingsley <SBillingsley@usaninc.com>
- 11) [80035] RE: GDOs
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 12) [80036] Re: Filter References for Limited budgets
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 13) [80037] FOX
by "John Humphrey" <jhumphre@ultra-tech.com>
- 14) [80038] Re: Good Idea from the new QRPP - Generating HV DC for Tube Rigs
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [80039] Re: GDOs
by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [80040] Pre-Fox Hunt
by Shephed@aol.com
- 17) [80041] RE: Good Idea from the new QRPP - Generating HV DC for Tube Rigs
by Sam Billingsley <SBillingsley@usaninc.com>
- 18) [80042] Re: [KLQRP] Good Idea from the new QRPP - Generating HV DC for Tube Rigs
by "Gary Oneil/Raleigh/IBM" <n3go@us.ibm.com>

- 19) [80043] Re: PSK 31 ON 80 METERS
by "Dave Benson" <nn1g@earthlink.net>
- 20) [80044] Re: Filter References for Limited budgets
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 21) [80045] RE: [KLQRP] Good Idea from the new QRPp - Generating HV DC for Tube Rigs
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
- 22) [80046] Re: GDOs
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
- 23) [80047] Re: GDOs (longish)
by Bill Lazure <n2tpa@juno.com>
- 24) [80048] NorCal 20 for Trade
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 25) [80049] 30m Xtal Source?
by "Steve/n0tu" <n0tu@webaccess.net>
- 26) [80050] 44 Magnum
by "Jim McKinley" <flyable@starpower.net>
- 27) [80051] For K3QXH only - Thanks Wonderbar article
by WB9MII@aol.com
- 28) [80052] Re: Filter References for Limited budgets
by "George, W5YR" <w5yr@att.net>
- 29) [80053] Summer QRPp Status
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 30) [80054] FOX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 31) [80055] Re: GDOs
by Nv4t@aol.com
- 32) [80056] Re: NorCal 20 for Trade
by "Mike Branca" <w3irz@att.net>
- 33) [80057] RE: qrp-l number
by "Tony Fegan VE3QF" <ve3qf@amsat.org>
- 34) [80058] RE: GDOs
by "Mike Branca" <w3irz@att.net>
- 35) [80059] Who makes Tick/paddle/PCB kits?
by "Steve/n0tu" <n0tu@webaccess.net>
- 36) [80060] P-TiCK Kits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 37) [80061] Re: Who makes Tick/paddle/PCB kits?
by "Paul Christensen" <paulc@mediaone.net>
- 38) [80062] Zombie Shuffle?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 39) [80063] SSB qrp 10m
by Kenneth Hoglund <hoglund@wfu.edu>
- 40) [80064] Appalachian Trail Activation Right Now!
by Richard Arland <k7sz@epix.net>
- 41) [80065] AT in VA this week
by Larry S Cahoon <wd3p@juno.com>
- 42) [80066] VT on the Appalachian Trail

by Richard Arland <k7sz@epix.net>

Date: Thu, 21 Sep 2000 18:04:55 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [80025] Filter References for Limited budgets
Message-ID: <B5EFFE46.2A21%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - If you just want to get started in filter design, or just understand enough filter design theory for Ham radio, the ARRL Handbook has a good section on passive (L and C) filters written by Ed Weatherhold, W3AQN (?). Some of the pertinent filter parameter tables similar to those in Zverev are in the appendix.

For coupled bandpass filters, such as those in the RF input stage of a receiver, the appendix to "Introduction to Solid State Design" by deMaw (SK) and Hayward (W7ZOI) covers that topic very well. When is that new edition coming out?

For active filters, the chapter in "The Art of Electronics" by Horowitz and Hill will get you started famously. It also has several tables that are similar to those in Zevrev. Come to think of it, this book needs a new edition as well.

Thomas Kuehl, AC7A, a prominent member of this list, wrote the active audio filter section in the 2000 Handbook. This will get you started in cookbook fashion. Unfortunately, they butchered his example audio stage. It is supposed to be corrected in the 2001 edition

Wes Hayward's book, "Introduction to RF Design" also contains some good material on networks, and some very good software for designing networks of all sorts, L-C and crystals as well. This is a good step to take when you have outgrown the Handbook. My wife brought it home for me when I had pneumonia, and I studied it a lot while hooked up to my oxygen machine. It helped pass the boredom of sick bay.

Several IC manufacturers also offer application notes on active filter design, and some offer free software as well. Check the web pages of Burr-Brown (SK now TI), Maxim, Linear Technologies, and National Semiconductors. This material is be free.

All of these are pretty easy to come by, and offer much more than pure filter design. They may be of more general use than a pure filter design

book. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 21 Sep 2000 20:09:43 -0400
From: "Terres Family" <terresfm@ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80026] LM4881 boomer
Message-ID: <001d01c02429\$69db1b40\$c881f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

couldn't find it at mouser or digikey but if interested

<http://www.national.com/ds/LM/LM4881.pdf>

date on the sheet is August 2000

Date: Thu, 21 Sep 2000 18:16:20 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [80027] 30 Day Propagation Forecast
Message-ID: <B5F000F4.2A24%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The latest 30 day propagation forecast follows. It looks very good, with highs of 215, and a low of 170. It should be much better than the last 30 days. - Dr. Megacycle KK6MC?5

:Product: 27-day Outlook outlook.txt
:Issued: 2000 Sep 20 2111 UT
Prepared by the U.S. Dept. of Commerce, NOAA, Space Environment Center

For a descriptive text, write to SEC or refer to our Web page.

Web page URL: <http://www.sec.noaa.gov/wwire.html>

#

Twenty-seven Day Space Weather Outlook Table

Issued 2000 Sep 19

#

#	UT	Radio Flux	Planetary	Largest
#	Date	10.7 cm	A Index	Kp Index
	2000 Sep 20	210	40	6
	2000 Sep 21	215	20	4
	2000 Sep 22	215	10	3
	2000 Sep 23	205	10	3
	2000 Sep 24	195	12	3
	2000 Sep 25	195	12	3
	2000 Sep 26	190	12	3
	2000 Sep 27	190	12	3
	2000 Sep 28	185	10	3
	2000 Sep 29	175	10	3
	2000 Sep 30	170	10	3
	2000 Oct 01	170	10	3
	2000 Oct 02	170	10	3
	2000 Oct 03	170	12	3
	2000 Oct 04	170	12	3
	2000 Oct 05	175	12	3
	2000 Oct 06	180	10	3
	2000 Oct 07	185	10	3
	2000 Oct 08	185	10	3
	2000 Oct 09	185	10	3
	2000 Oct 10	185	10	3
	2000 Oct 11	185	10	3
	2000 Oct 12	190	10	3
	2000 Oct 13	195	10	3
	2000 Oct 14	200	10	3
	2000 Oct 15	205	10	3
	2000 Oct 16	205	12	3

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 21 Sep 2000 19:37:15 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu, nnig@earthlink.net
Subject: [80028] QRP Afield log
Message-ID: <20000921.193716.-4035781.2.k5zty@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Howdy to all the field testers,

This log is a little slow in coming, but I still haven't even completely unloaded my pickup after the field day weekend. Man, we had a great time. We couldn't have had better weather if we had written the specs ourselves. For the first time in months we had below 90 degree weather in Houston, TX and we made the most of it. The bands seemed to be in not the best shape and the contacts were slow but it would have been great day if we hadn't made any contacts. All of the equipment went together as planned, the radios worked, the breezes were cool, and the bull sessions were outstanding. Bill W5SB, Dan KK5LD, Danny WA5OJE, Terry KQ5U, Greg W5IDX, Bob N5ET, Brian N5BA, Mike K5NZ, and Bill K5ZTY, went to a small park beside a school just off the beltway in west Houston and set up three antennas and radio stations. One OHR 400, two K2s, a 40 meter dipole, a 15 meter stacked dipole array and a TA32JR on a push up pole.

We used our club call W5NC which belongs to the Northwest Amateur Radio Society here in northwest Houston.

We made 168 contacts in 7 hours of operation. It was so slow at the end that we decided to forego the last hour and besides, it was getting pretty dark for the tear down.

We are already planning for next year. Thanks Dave for ramroding this one.

For the group,

Bill, K5ZTY
Houston, TX

Call... W5NC
Location... Field
Xcipients.... OHR400, K2
Power... 5 watts
OPs.... Bill W5SB, Bill K5ZTY, Dan KK5LD, Danny WA5OJE, Terry KQ5U,
Greg W5IDX,
Bob N5ET, Brian N5BA, Mike K5NZ,
Operating time.... 7 hours
Contacts..... 168

Date: Thu, 21 Sep 2000 20:40:36 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80029] Re: Source for Zverev Filter Book
Message-ID: <39CAAA84.415C9966@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> Apparently, this is the most frequently stolen technical book from
> libraries. Where I used to work, we should have had two copies, but they
> were both missing. 8-(

My library at work has one copy kept in a locked cabinet. Concidentally enough, I've been using it for a project this week; a wonderful book!

Al, K2ZN

Date: Thu, 21 Sep 2000 20:59:47 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80030] AT: Reminder - VT AT activation tomorrow
Message-ID: <39CAAF03.429C9873@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder - Tim and I hope to make many contacts during our short two hour operation on the AT tomorrow...

Fri Sep 22, 2000 at 1700 EST (2100Z) a co-worker and I will activate the Appalachian Trail just outside of Norwich, Vermont for two hours. Operators will be Tim N1RZ and John KB1ENS.

We are a little light on gear, so the frequencies won't be ideal long distance contacts at the time we'll be operating. We will be on 80m 3.672 -> 3.710 using an SW80+ at about 2.5 watts and 40m 7.039 or so using an SMK-1 with the 5w mod. We will call "CQ AT CQ AT de [N1RZ or KB1ENS] K. I suppose on these frequencies at the time we'll be operating there is a distinct possibility our sigs won't make it much further than New York, but it would be appreciated if you would give us a shot if you can.

I should have some better gear for this next year (when "she who controls the checkbook" lets me order a K-1) so if we don't hook up this

time, we'll give this a shot again after the snow melts this winter.

Hope to hear you Friday!

73,

John, KB1ENS
Holland, VT

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Thu, 21 Sep 2000 21:16:51 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [80031] help please
Message-ID: <Pine.LNX.3.95.1000921210600.19368A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am working on providing continuing support to logging software for the RAC Summer & Winter annual contests which have a popular QRP category... this software now contains the new Territory known as Nunavut...it will be offered soon as FREEWARE on a download site on the QRP-Canada web page which is located within the RAC Web Site...

I need to get in touch with someone who is familiar with what is required in the software in order to interface with a transceiver... I need to learn why and how this is done....

...the software is ready for the Winter RAC contest coming up in December except for the capability to interface between a computer and the transceiver...

....please reply direct.....thank you very much.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 22 Sep 2000 07:43:54 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: jamesd1@flash.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80032] Re: Filter References for Limited budgets

Message-ID: <3.0.2.32.20000922074354.006d2030@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In addition to Jim's excellent practice filter design choices also check out the Sam's book,

Reference Data for Engineers: Radio, Electronics, Computer, and Communications.

Mine is 7th edition, fifth printing, 1989.

Lots of theory, examples, and charts (nomograms etc.) to help with designs.
Lots of other good info for the amateur too.

This book was originally published by ITT.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Fri, 22 Sep 2000 08:16:43 -0500
From: "Rick - WW9JD" <ww9jd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80033] Re: PSK 31 ON 80 METERS
Message-ID: <39CB156B.6970.3791F5@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I thought that I read on this list that someone (NJQRP sticks in my mind) was going to produce an 80m PSK-31 QRP kit. That would permit easy local communications. I've checked, and I haven't found anything. Was I wrong, or what's the status?

On 20 Sep 2000, at 22:08, hamjoel@juno.com wrote:

> HOKAY FOLK
> i GOT QRP ON EIGHTY METERS TONIGHT PSK3580
> WHO WAS IT I WAS SUPPOSED TO MEET?
> i CHATTED WITH GILLES ...VE2FT ON MY FORTY METR
DIPOLE...
> GOT GOOD REPORTS BOTH WAYS
> SO WHO WAZZ IT WANTED ME ON 80 PSK....
> A BIT LAME ON THE MEMEORY
> BUT A GOOD OLE BOY
> BY ANY STANDARD

> KE1LA JOEL
> DISPALCED CAJUN
> SUFFERING IN MAINE

73,

Rick
<><

Rick Dubbs WW9JD
Greenwood (near Indianapolis), Indiana USA

Date: Fri, 22 Sep 2000 09:26:23 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Klqrp_Submit (E-mail)"
<klqrp@applegate.org>, "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [80034] Good Idea from the new QRPP - Generating HV DC for Tube Rigs
Message-ID: <058CBAE0931FD411B70E00805FCD5D423EC81D@mailserver2.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

There is an article in the new NORCAL QRPP Journal this quarter that is a construction article for a tube transmitter. The transmitter itself is not unique but the method of generating the HV DC voltage is very interesting to me.

He uses a simple DC-to-DC converter module. Looks like he built it from scratch but I was thinking that the same thing could be accomplished with a commerical low wattage DC-to-AC inverter and a simple diode and filter system between it and the tube rig.

I'm going to try it this weekend and will let you know. I was thinking if you used a centertapped transformer designed to give you a choice of 110/220 V AC then you could make an autotransformer and generate 220 - 250V AC then rectify it if you want higher voltage on the plates.

This should solve the stumbling block of many folks trying to find old HV AC transformers and it is simpler and cheaper than than a back-to-back filament tranformer idea if you happen to have a low wattage DC-to-AC inverter in the shack. You do have one right?

Sam Billingsley AE4GX Atlanta, GA North Georgia QRP Club

Date: Fri, 22 Sep 2000 08:39:12 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [80035] RE: GDOs
Message-ID: <200009221339.IAA25501@mail.lib.colum.edu>

OK, all the discussion of GDOs has finally forced me to ask
(at the risk of looking stupid) my burning question:

I have one of these, built from a kit back in the 80s, a
British design from one of their journals. It uses FETs
rather than tubes. I built carefully, it oscillates and
the frequency readout is at least as accurate as my Heath
RF generator. However, I've never succeeded in getting it
to "dip" for anything. Descriptions are always vague on
how to couple to the circuit you want to test. Perhaps I
just don't get it.

I also have an RF noise bridge that is supposed to help
with tuning antennas. That was a Heathkit, and likewise
appears to work but doesn't dip or null no matter what.
Both sit on a shelf here looking highly technical but
they are useless as far as I can tell.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Fri, 22 Sep 2000 07:49:31 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80036] Re: Filter References for Limited budgets
Message-ID: <005101c0249b\$ef4ff760\$de56d9d8@sarcos.com>

In case you are thinking less of yourself because you don't have a copy of
Zverev's book or perhaps you wouldn't understand it if you did, don't
despair. A few observations I have made over the years.

1. For most filters you might use in your hobby--and dare I say--your
employment--can easily be designed using one of the "cookbooks" like Don
Lancaster's book or by scaling the R and C values of an existing design.
2. If you need more help, there are numerous very effective inexpensive
filter design programs out there, such as the one from AADE. One of my
favorite filter design programs is simply called "Filter" is available free
of charge at <http://www.sherlab.com/electronics/filter.html>

3. I know I am setting my self up for some verbal attacks, but...The best part of Zverev's book is the pictures (graphs). You will learn a great deal about filters by looking at them--even if the math is incomprehensible.

4. You will learn practical, indispensible filter knowledge by breadboarding some filters and playing with them. I am convinced that some technical book authors seldom, if ever, do this. If the author does not read or write "schematic", be suspicious. Having worked with PhD's and other learned me for 30 years I can tell you that a great number of them can "tell you 'everything' about some electronic device but wouldn't recognize one if they saw it." This DOES NOT apply to all educators and educated people, or PhD's--please don't flame me on this one. We have some fine examples of great teachers here on the list, i.e. Chuck, Paul, Doug, George, etc. We all have been helped deal by these guys and many others like them. I am sure they will agree. If you want to learn about electronics, BUILD STUFF!

Math and other "in the head" skills are important and necessary, but don't feel bad if you are not a math whiz or a left brained detail person. Some of the most creative people I know struggle with math (though, they keep working at it). We all need to realize that you can accomplish a great deal when it comes to filter design (and other technical subjects)--even if books like Zverev's are beyond your grasp.

Hope this helps.

Bruce kk7zz

Date: Fri, 22 Sep 2000 10:03:08 -0400
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [80037] FOX
Message-ID: <s9cb2e65.002@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi Gang

Looking for 2 more team members for a VA-based FOX team. Email me = direct. Include a=20 recommendation for a name.

Also, when does the 'hunt' start and are the rules posted somewhere?

Thanks.

72,73,
John W4IM QRP-L #1691
Stafford, Va.

Date: Fri, 22 Sep 2000 10:08:53 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <SBillingsley@usaninc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80038] Re: Good Idea from the new QRPp - Generating HV DC for Tube Rigs
Message-ID: <001e01c0249e\$a790eee0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, if you need a HV source from batteries, and the current requirement is low...

What's wrong with the small self-contained setups for LCD backlights in laptops? I see those supplies surplus all the time, sometimes as low as 3 or 4 dollars. But their current may be TOO low.

And I've seen supplies designed for small portable fluorescent lights, like camping lanterns or portable blacklights, for just a couple dollars. Heck, right now you can buy a whole portable blacklight for \$6 at places like ALL Electronics and other salvage places. Tear it apart to get the supply. (But then you have this neat left over blacklight tube... Just have to get another supply!)

Mike

Date: Fri, 22 Sep 2000 10:04:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80039] Re: GD0s
Message-ID: <001d01c0249e\$a68d88a0\$2101a8c0@insydesw.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Welcome to the club... (Of people like me who can't seem to just get the 'knack' of GDOs!)

Actually, I was told it's pretty subtle. And just recently I saw a post where someone said hooking up an audio oscillator would help, as your ear could distinguish much more than your eyes could see on the meter.

Mike

> OK, all the discussion of GDOs has finally forced me to ask
> (at the risk of looking stupid) my burning question:
>
> I have one of these, built from a kit back in the 80s, a
> British design from one of their journals. It uses FETs
> rather than tubes. I built carefully, it oscillates and
> the frequency readout is at least as accurate as my Heath
> RF generator. However, I've never succeeded in getting it
> to "dip" for anything. Descriptions are always vague on
> how to couple to the circuit you want to test. Perhaps I
> just don't get it.
>
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>
>

Date: Fri, 22 Sep 2000 10:07:08 EDT
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [80040] Pre-Fox Hunt
Message-ID: <5b.b9bb9bc.26fcc18c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

OK Piggies...

Here is some winter fun...

30 minutes BEFORE the QRP-L fox hunt, the PIG Slaughter starts.
Same rules as the fox hunt except you exchange FP#'s.
There will be piggie prizes for 1st and 2nd place winners.
http://www.mpna.com/fpqrp/pig_hunt.htm

This will be great warmup for the FOX hunt.
<http://www.cqc.org/fox/>
snort...

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Fri, 22 Sep 2000 10:19:17 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrpl@Lehigh.EDU>, "_AAAA_NOGA_onlist (E-mail)"
<nogaqrp@qth.net>, "Klqrp_Submit (E-mail)" <klqrp@applegate.org>
Subject: [80041] RE: Good Idea from the new QRPP - Generating HV DC for Tube Rigs
Message-ID: <058CBAE0931FD411B70E00805FCD5D423EC8AB@mailserver2.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

Bruce makes a good point.

Most of us have 12V high amp table power supplies for our various rigs. I'm suggesting that it be used to power the DC-to-AC inverter. This idea is just to let someone play with the idea of tube rigs and not suggested for field use and permanent long-term use although you could use it that way.

If you're like me you'll make some QSOs and check it out and place it on the shelf until Straight Key night or some other special event.

The tube rigs are neat conversation pieces for our non-electronic friends because the older ones know of the tube era and the younger ones thinks it's all antique stuff even if you built it yesterday.

With the nostalgia interest running high I was just trying to offer some way to get an interested user "on the air" with the glow in the dark stuff.

Have fun and play around with it but don't forget the HIGH VOLTAGE IS DANGEROUS SO BE CAREFUL!

Sam AE4GX

From Bruce's relpy to me:

> As long as you remember that there is no free power. What you get out
> of a DC-DC converter is never greater than what you put in. If you are
> operating from the line, no problem. If you are operating from
> batteries you better bring along a lot of spares!
>
> 73 Bruce w6toy

Date: Fri, 22 Sep 2000 10:38:59 -0400
From: "Gary Oneil/Raleigh/IBM" <n3go@us.ibm.com>
To: Sam Billingsley <SBillingsley@usaninc.com>
Cc: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Klqrp_Submit (E-mail)"
<klqrp@applegate.org>, "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [80042] Re: [KLQRP] Good Idea from the new QRPP - Generating HV DC for
Tube Rigs
Message-ID: <0F14AE3D14.5C10330A-0N85256962.004DA3DA@raleigh.ibm.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Hi Sir Sam;

Some of your "glowbug" activities were part of the many and varied discussions we had at QRPigOut last night. You simply must find a way to join us one of these days. We were starting to talk about Alanticom next year also, so start figuring out ways to merge our respective ideas and geography's :-) We had quite a memorable time last night as Sir Pauls recent post begins to hint upon. :-)

To address your most recent post... There are a good number of combinations and permutations of DC/AC voltage/current conversion/multiplication schemes that have been tried, retried, refined, etc., and by golly, nearly all of them work. One of the wonderful aspects of this hobby is the plethora of ways we can combine ideas and concepts to achieve similar results in a different way. All lead to better understanding, and rewarding returns. I look forward to you report Monday morning. :-) At the end of the experience, what we all agree on is that power is our most precious resource. This is the cornerstone of QRP after all. :-)

DC/DC converters of late yield extremely high energy conversion efficiencies, and hence proliferate much of today's technology landscape. The allure of such efficiencies coupled with the elegance of bygone era designs that employ tubes (now revered as antique for its technology obsolescence) make the marriage of these two seemingly unrelated concepts

(modern technology efficiency with obsolete and inefficient tube technology) appealing to those of us with a sentimental hunger for the sweet smell of molten lead and evaporating rosin, coupled with the desire to fabricate our own one of a kind creations. :-) I respectfully submit that the NorCal rig you describe is yet another "mind-blower". I must look into it further. We indeed share a common passion, and as you so eloquently demonstrate; we feed off of and continue to be nourished by each others ideas. Godspeed my friend. I look forward to a full blow-by-blow report of this weekend's revelations.

72

Regards;

Gary O'Neil, N3GO
IBM Microelectronics
Network Products Applications
RTP, NC
Office: (919) 543-5750 FAX : (919)-543-7382

Sam Billingsley <SBillingsley@usaninc.com>@applegate.org on 09/22/2000
09:26:23 AM

Sent by: owner-klqrp@applegate.org

To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Klqrp_Submit (E-mail)" <klqrp@applegate.org>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>

cc:

Subject: [KLQRP] Good Idea from the new QRPP - Generating HV DC for Tube Rigs

There is an article in the new NORCAL QRPP Journal this quarter that is a construction article for a tube transmitter. The transmitter itself is not unique but the method of generating the HV DC voltage is very interesting to me.

He uses a simple DC-to-DC converter module. Looks like he built it from scratch but I was thinking that the same thing could be accomplished with a commercial low wattage DC-to-AC inverter and a simple diode and filter system between it and the tube rig.

I'm going to try it this weekend and will let you know. I was thinking if you used a centertapped transformer designed to give you a choice of 110/220 V AC then you could make an autotransformer and generate 220 - 250V AC then rectify it if you want higher voltage on the plates.

This should solve the stumbling block of many folks trying to find old HV AC transformers and it is simpler and cheaper than than a back-to-back filament transformer idea if you happen to have a low wattage DC-to-AC inverter in the shack. You do have one right?

Sam Billingsley AE4GX Atlanta, GA North Georgia QRP Club

===== KL QRP Club Mailing List =====
To unsubscribe from this list, send email to listserver@knightlites.org and put the text "unsubscribe klqrp" in the message. To post a message to the list, send email to klqrp@knightlites.org.

Date: Fri, 22 Sep 2000 10:45:48 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <www9jd@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80043] Re: PSK 31 ON 80 METERS
Message-ID: <001001c024bc\$f2be8e40\$ae962a3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick-

Yes, it's the NJ QRP bunch. George Heron, N2APB, had posted something on this reflector a couple weeks back, but it doesn't look like there's any related information on their website at the moment. Their URL is

<http://www.njqrp.org/data/nj-qrp.info.html>

'The short version' is that I've released the board design for fabrication, and the club hopes to field kits a month from now. It'll be announced through the NJ Club website, and doubtlessly via this reflector as well. As coordinator of the NJ Club, George will be in the best position to

provide more information as things fall into place.

BTW- I put the PC-board prototype on the air again last night- worked a couple of stations in eastern Pennsylvania (I'm in CT) . They both reported solid copy over the ~150 mile path. :-)

73- Dave, NN1G

-----Original Message-----

From: Rick - WW9JD <ww9jd@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, September 22, 2000 6:18 AM

Subject: Re: PSK 31 ON 80 METERS

I thought that I read on this list that someone (NJQRP sticks in my mind) was going to produce an 80m PSK-31 QRP kit. That would permit easy local communications. I've checked, and I haven't found anything. Was I wrong, or what's the status?

On 20 Sep 2000, at 22:08, hamjoel@juno.com wrote:

> HOKAY FOLK
> i GOT QRP ON EIGHTY METERS TONIGHT PSK3580
> WHO WAS IT I WAS SUPPOSED TO MEET?
> i CHATTED WITH GILLES ...VE2FT ON MY FORTY METR
DIPOLE...
> GOT GOOD REPORTS BOTH WAYS
> SO WHO WAZZ IT WANTED ME ON 80 PSK....
> A BIT LAME ON THE MEMEORY
> BUT A GOOD OLE BOY
> BY ANY STANDARD
> KE1LA JOEL
> DISPALCED CAJUN
> SUFFERING IN MAINE

73,

Rick

<><

Rick Dubbs WW9JD

Greenwood (near Indianapolis), Indiana USA

Date: Fri, 22 Sep 2000 08:46:50 -0600
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80044] Re: Filter References for Limited budgets
Message-ID: <007601c024a3\$f146ebc0\$de56d9d8@sarcos.com>

> Having worked with PhD's and other learned me
> for 30 years

That's learned "men" not "me" . The slip was not intentional, but, maybe, it was appropriate. Sometimes, I can be full of myself. The truth is: the older I get the more I realize I am not that smart. Getting older does have some advantages, however. I am sure that I am more teachable now than I was 30 years ago.

...ah, but I was so much older then. I'm younger than that now...

Bob Dylan -- The 60's

Date: Fri, 22 Sep 2000 10:46:43 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: "'n3go@us.ibm.com'" <n3go@us.ibm.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80045] RE: [KLQRP] Good Idea from the new QRPP - Generating HV DC for Tube Rigs
Message-ID: <95CB658F8515D211B84B00805FA7286603324354@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Gary Sam et all,

Look back in an older ARRL handbook, there was one. It used two filament transformers and 2 to 3 transistors and I believe 3 resistors. I built it and it worked like a champ! It was in the mobile section for mobile or portable operation section for AC to run things.

Sam if you can not find it, I can look through one of my older handbooks and make you a copy.

Jerry
W3CDE

-----Original Message-----

From: Gary Oneil/Raleigh/IBM [mailto:n3go@us.ibm.com]
Sent: Friday, September 22, 2000 10:39 AM
To: Low Power Amateur Radio Discussion
Subject: Re: [KLQRP] Good Idea from the new QRPP - Generating HV DC for Tube Rigs

Hi Sir Sam;

Some of your "glowbug" activities were part of the many and varied discussions we had at QRPigOut last night. You simply must find a way to join us one of these days. We were starting to talk about Alanticom next year also, so start figuring out ways to merge our respective ideas and geography's :-) We had quite a memorable time last night as Sir Pauls recent post begins to hint upon. :-)

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ideas. Godspeed my friend. I look forward to a full blow-by-blow report of this weekend's revelations.

72

Regards;

Gary O'Neil, N3GO
IBM Microelectronics
Network Products Applications
RTP, NC
Office: (919) 543-5750 FAX : (919)-543-7382

Sam Billingsley <SBillingsley@usaninc.com>@applegate.org on 09/22/2000
09:26:23 AM

Sent by: owner-klqrp@applegate.org

To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Klqrp_Submit (E-mail)" <klqrp@applegate.org>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>

cc:

Subject: [KLQRP] Good Idea from the new QRPP - Generating HV DC for Tube Rigs

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V AC then you could make an autotransformer and generate 220 - 250V AC then rectify it if you want higher voltage on the plates.

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AC

transformers and it is simpler and cheaper than than a back-to-back filament tranformer idea if you happen to have a low wattage DC-to-AC inverter in the shack. You do have one right?

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Date: Fri, 22 Sep 2000 09:42:43 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "John Wagner" <john@neknetwork.com>
Subject: [80046] Re: GDOs
Message-ID: <0ada01c024a4\$02b00360\$0200000a@mcg.net>

Hi all,

Dip oscillators are really useful, but many have problems using them. I wonder if someone on the list wouldn't be willing to write up a basic use article for the QRP-L web pages? Kind of a "getting to know your GDO" thing. Much of the necessary info is right here in the recent archives already, just needs to be consolidated together.

If you're interested in doing this contact John Wagner <john@neknetwork.com> our QRP-L web master.

73 de Cla KA0GKC Manager QRP-L

Date: Fri, 22 Sep 2000 10:52:47 -0400
From: Bill Lazure <n2tpa@juno.com>
To: qrp-l@lehigh.edu
Subject: [80047] Re: GDOs (longish)
Message-ID: <20000922.105251.-4055927.0.n2tpa@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gary (and all),

Perhaps your GDO isn't working. I have a simple test to dip one of your antennas:

1. Prepare a mating connector to the coax of one of your antennas consisting of two turns of stiff wire slightly larger than the diameter of your GDO coils. (if you use PL-259, solder this two turn loop to a SO-239. If you use BNC, solder the loop to a female BNC)
2. Connect the coax to this "coupler".
3. Slip the "coupler" over the appropriate coil so the two turns are centered on the coil. (Since you already know the resonant frequency of the antenna, choosing an appropriate coil should be easy).
4. Turn on the GDO, and sweep the coil's frequency. You should see a wide, deep dip and probably a few shallower ones too. This is overcoupling.
5. Now, slide the coupler off to one edge of the GDO coil. Where previously the large dip was very wide and it's center freq was hard to determine, now it should be narrower and the point of lowest dip should be easier to find.
6. Finally, slide the coupler to the very edge of the coil form as far away from the actual coil as possible. If you still see a dip, it should be relatively narrow with a clearly defined resonant point.
7. If this latest dip is still wide and indeterminate, moving the coupler further away from the GDO coil should yield a point where you only get a small sharp dip. (even if it's several inches from the coil)

If your GDO won't dip at all with this test, chances are good something's wrong.

Hope this helps,

Bill
W2EB
Syracuse, NY

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 22 Sep 2000 08:58:41 -0600

From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80048] NorCal 20 for Trade
Message-ID: <008301c024a5\$98fa05e0\$de56d9d8@sarcos.com>

I have a NorCal 20 kit, unbuilt, which I am willing to trade for a 13.8VDC power supply, fixed or, preferably variable, in very good condition. Supply should be able to provide 15-20 Amps continuous--sufficient to power my Kenwood TS-430S and other projects in my basement lab.

No, I am not abandoning QRP, but sometimes I may succumb to the "dark side of the force". Besides the TS-430S will crank down to almost nothing.

Bruce kk7zz

Date: Fri, 22 Sep 2000 09:13:00 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [80049] 30m Xtal Source?
Message-ID: <000301c024a7\$995385a0\$b0561d82@sg2939h>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Want to build a ugly dead-bug method 30m xcvr. Looking for 30m rocks? Any suggestions?

Steve/n0tu

Date: Fri, 22 Sep 2000 11:27:21 -0400
From: "Jim McKinley" <flyable@starpower.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [80050] 44 Magnum
Message-ID: <007001c024a9\$9aabd7c0\$2a5afea9@oemcomputer>

Hi All,

What happened to the 44 Magnum project? It was to be an entry level kit as I remember. Is it on a back burner for now or has it been dropped??

Jim WD4OJY

Manassas, VA

Date: Fri, 22 Sep 2000 11:34:47 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [80051] For K3QXH only - Thanks Wonderbar article
Message-ID: <9b.aa8df04.26fcd617@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Bob,
I received the article many thanks. Tried to send this to your QRZ email address and it bounced. Assuming I can get to a home depot this weekend...should have a wonderbar of my own up and running. 73
Greg WB9MII

Date: Fri, 22 Sep 2000 10:40:32 -0500
From: "George, W5YR" <w5yr@att.net>
To: kizerian@ced.utah.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80052] Re: Filter References for Limited budgets
Message-ID: <39CB7D70.D73BF412@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Kizerian wrote:

> Getting older does have some advantages, however. I am sure that I am more > >
teachable now than I was 30 years ago.

Agreed, Bruce, but my problem is that although I may be more teachable now, 30 years ago I was more learnable! And much more learnable 50 years ago! <:}

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Date: Fri, 22 Sep 2000 08:59:59 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [80053] Summer QRPP Status
Message-ID: <01c024ae\$293ac240\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I picked up the summer issue from the printer last night, met Paul Maciel for dinner (he drove over to Los Banos to deliver the labels), and went home and started labeling QRPP's. Got 650 of them done. Will finish the rest tonight, and bag them this weekend.

Because this issue follows the recently mailed Spring issue so quickly, we extended everyone whose subscription expired with the spring issue one issue so that you would get the summer issue. I know, this is confusing. Sorry. The bottom line is this. When you get your summer issue of QRPP check your subscription details on the label. If you want to get the fall issue and your subscription expires with the spring or summer issue 2000, you will have to renew to get the issue. Please do it quickly, as I will be taking the copy to the printer on Oct. 1st for the fall issue, and will mail them right after Pacificon.

Paul Maciel, AK1P, has graciously stepped forward and has been handling the NorCal database for several months now. If you have questions about your subscription, correct address, etc. please contact Paul at:

pmaciel@inow.com

Paul is very efficient and does a great job.

Renewals, as always are \$15 per year US & Canada, \$20 DX please send to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please make check to Jim Cates, NOT NorCal, US Funds only.

Here is the table of contents for the Summer Issue:

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 John Kirby, N3AAZ

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68 pages, counting cover etc. I hope you enjoy this one. The goal is to get it in the mail on Monday. I will keep you informed. 72, Doug

Date: Fri, 22 Sep 2000 12:16:59 -0400
 From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
 To: "INTERNET:jhumphre@ultra-tech.com" <jhumphre@ultra-tech.com>
 Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
 <QRP-L@Lehigh.edu>
 Subject: [80054] FOX
 Message-ID: <200009221217_MC2-B455-35AC@compuserve.com>
 MIME-Version: 1.0
 Content-Transfer-Encoding: quoted-printable
 Content-Type: text/plain;
 charset=ISO-8859-1
 Content-Disposition: inline

John and Gang:

We are anticipating that the regular FOX season will begin during the last week of October. The rules are still being drafted. Everyone should watch for announcements seeking FOXes soon.

FTR, we will again have a "slow speed" FOX hunt similar to previous years' N/T+ FOX hunt. To reduce confusion, this hunt will begin at least a week later than the regular hunt. We will have a separate web page for the slow speed hunt.

GL and 72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Fri, 22 Sep 2000 13:05:23 EDT
From: Nv4t@aol.com
To: myetsko@insydesw.com, qrp-1@lehigh.edu
Subject: [80055] Re: GDOs
Message-ID: <95.e0fd16.26fceb53@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Y'all gottaq couple the GDO pretty closely to the coil in question. This obviously means being careful not tocook transistor gear, and not getting shocked with h.v.-- you do not have to energize the circuit you are testing! the dip gets more pronounce the tighter the coupling, but the accuracy gets worse frequency wise (like the Uncertainty principle in physics). However, all you are supposed to use a GDO for is to roughly set the resonant frequency of the circuit; it "ain't" a precison instrument!! Any fine tuning can be done with the gear energized!

I guess I'm trying to say the GDO is useful for roughly setting a resonance, it was never intended to be a "frequency Meter".

73, Bill NV4T, old fart ham

Date: Fri, 22 Sep 2000 12:04:06 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80056] Re: NorCal 20 for Trade
Message-ID: <006601c024b7\$1e73e220\$b7084d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce I have a Motorola P/S that is designed to run repeaters that is available. It is on a chassis strip the same size as the TX and RX strips. I do not have paper on it but it has a heavy power transformer. If you think this will fit your needs let me know.

Mike Branca W3IRZ in Conyers Georgia

Date: Fri, 22 Sep 2000 13:08:51 -0400
From: "Tony Fegan VE3QF" <ve3qf@amsat.org>
To: <hanskap@kaper-1.tmfweb.nl>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80057] RE: qrp-1 number
Message-ID: <LNBBKKB00JGKHIGEKKIJMEEDCMAA.ve3qf@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Hans,

You can obtain a QRP-L number from the QRP-L website at:
<http://qrp.lehigh.edu/lists/qrp-1/join.html> The link is almost at the bottom of the page.

72/73 and enjoy

Tony Fegan VE3QF

-----Original Message-----

Hi,

Do I have a qrp-1 number and if so where do I find it?
(I've only subscribed to the list; I receive digests for practical reasons)

Hans Kaper PA3HGM

Date: Fri, 22 Sep 2000 12:09:47 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80058] RE: GD0s
Message-ID: <006a01c024b7\$ef3029a0\$b7084d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Gary I built on from info from W1FB and it used the MPF 102 and an LED but the LED had no indication till I used two 9 volt batteries instead of one. It worked but it was not in the same class as the one I have made by Measurements Corp. I think tubes give a better dip. I did not keep my tunnel dipper long either.

Mike W3IRZ in Conyers Georgia

Date: Fri, 22 Sep 2000 11:28:18 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [80059] Who makes Tick/paddle/PCB kits?
Message-ID: <000401c024ba\$7fdd4b20\$b0561d82@sg2939h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sri for the BW ...but I can find 'em? I'm talking about the lil' PCB paddle kits you soldier together and it has a Tick w/Pizo mounted on the back half. Saw a link the other day but lost it. TIA! Steve/n0tu

Date: Fri, 22 Sep 2000 10:52:35 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <n0tu@webaccess.net>, <qrp-l@lehigh.edu>
Subject: [80060] P-TiCK Kits
Message-ID: <01c024bd\$e427b400\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve, you are referring to the P-TiCK which is a kit sold by the Ft. Smith QRP Group. Here is the information straight from the NorCal Page:

www.fix.net/norcal.html

The Fort Smith QRP Group has another great kit out. It is the P-TiCK? What is a P-TiCK? It is an iambic paddle TiCK keyer kit that you build yourself using manhattan style construction to build the keyer, and pre cut pc board

parts to build a very nice iambic paddle based on a design by Wayne McFee, NB6M and modified by Doug Hendricks, KI6DS. Doug designed the P-TiCK, combining ideas from Wayne and Mike Fitzgibbon, N0MF from the Iowa QRP Club. He gave the kit idea to the Ft. Smith Club as a fund raiser for next year's ArkieCon QRP Forum.

The kit includes ALL parts needed to build an Iambic Paddle and a TiCK 1 keyer. Yes, even the TiCK chip is included in the low, low price of \$10!! Just think, adjustable paddle and keyer for \$10. To order, send a check or money order for \$12 (\$10 kit, \$2 S&H US & Canada) or \$14 DX to:

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, AR 72908-9276

Be sure to make the check or money order to Jay Bromley. Also, Jay is still selling the VE3DNL Marker Generator kit for \$10 + \$2 S&H. Please include a self addressed mailing label to speed up the mailing process and avoid any address mistakes. Plus if you order the VE3DNL/P-TiCK combo, you only need to send one mailing fee. i.e. One P-TiCK and one VE3DNL will be \$22 total for US & Canada, \$24 for DX. All checks and money orders must be in US Dollars. And, if you have a club or group buy and order 10 or more kits, NO Postage!!

Jay has both the P-TiCK and the VE3DNL Marker Generators in stock, ready to ship. All profits from these two kits go towards the funding of Arkiecon, the QRP Forum held every spring in Ft. Smith, Arkansas.

Hope this helps. 72, Doug

Date: Fri, 22 Sep 2000 13:50:54 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <n0tu@webaccess.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80061] Re: Who makes Tick/paddle/PCB kits?
Message-ID: <003b01c024bd\$a8917de0\$0a668118@tci.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For anyone interested, this will take you to one available source, although it appears to be a completed product, not a kit....

<http://electronicsusa.com/mktickpromo.html>

-Paul, W9AC

From: "Steve/n0tu" <n0tu@webaccess.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, September 22, 2000 1:28 PM
Subject: Who makes Tick/paddle/PCB kits?

> Sri for the BW ...but I can find 'em? I'm talking about the lil' PCB
paddle
> kits you soldier together and it has a Tick w/Pizo mounted on the back
half.
> Saw a link the other day but lost it. TIA! Steve/n0tu
>

Date: Fri, 22 Sep 2000 11:00:49 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80062] Zombie Shuffle?
Message-ID: <005801c024bf\$0bd907a0\$5ad1fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any word from anyone as to whether we will have the
Zombie Shuffle this Halloween?
I think ARRL had a Black Cat something at the same
time last year. Any info there either?
73, Bob N6WG

Date: Fri, 22 Sep 2000 15:07:15 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80063] SSB qrp 10m
Message-ID: <39CBADE3.2F4BE30A@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looks like I'll be able to get on the air Saturday afternoon 1900-2000 UTC and see if I can find some Scandinavians. Will be happy to qso with any others riding the flux around 28.370-385.

Listen for my cq or call some yourself!

Ken KG4FGC

Date: Fri, 22 Sep 2000 21:12:35 -0400
From: Richard Arland <k7sz@epix.net>
To: Eastern PA QRP Club <epaqrp-l@Lehigh.EDU>, Appalachian Trail <atrail-l@Lehigh.EDU>, QRP List <qrp-l@Lehigh.EDU>
Subject: [80064] Appalachian Trail Activation Right Now!
Message-ID: <39CC0383.877CE176@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just worked Ron, WB3AAL is on the AT (PA) working QRP on 7039.33 kHz.

Also, Tim, N1RZ and John, KB1ENS are on the AT from VT and are due to come up on 7039 and 3672 to 3710 kHz.

73 Rich K7SZ

Date: Fri, 22 Sep 2000 21:13:39 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: epaqrp-l@Lehigh.EDU, qrp-l@Lehigh.EDU
Subject: [80065] AT in VA this week
Message-ID: <20000922.211349.-357615.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well I made the office off site and did find a couple of times to make it out to the trail with mixed results. The first trip out was Wednesday evening. I got to Snickers Gap after dark. There was a large parking area, and even a car in the parking lot - so someone must be out on an overnigher on the trail. I can see the trail, but it is not clearly marked. So I set up the antenna on the car and crank up the DSW-40. I spent about 20 minutes calling CQ with no answers. Another car pulls up and parks and it is getting close to 9pm and I had told everyone if I

didn't make by 9 I wouldn't be there, so I pulled the plug and headed back to the conference center. 50 miles and no QSOs - a bummer.

The next afternoon, Thursday we finish up as planned at 4 pm. I'm not about to fight the rush hour traffic around Washington. So I headed back out to the trail. This time when I get there I find a school bus full of kids on some kind of field trip. There is also a bunch of bird watchers out spotting hawks and eagles on their migrations south, counting them for the wildlife people. Since I have some light now, it's only about 4:30, I explored the trail - what blue blazes, that means it is a side trail and not the real AT. So I hiked a few hundred yards up the trail and find I'm still on the side trail. Now Topo GPS and all the topo maps I found showed the trail, or so it seems, as crossing route 7 at the mountain top. Actually most of them have the trail disappearing along a road that runs along the ridge. So I find a guy in army fatigues, he must be a hiker. So I ask him and he sends me off to another fellow, who tells me the trail is just a very short distance down the side of the mountain. Well it turned out to be about 1500 feet away. It also had its own parking area - it would hold all of two cars - luckily I was the second one there. Now this is not an optimum location. I'm on the side of the hill and down 100 feet in elevation from the ridge.

But I set up anyway. As I tune up the DSW-20 I hear Tom, N0SS calling CQ, so a quick reply nets the first QSO. Then I dropped down the county hunter 20 meter freq. and run the county - only two QSO - MS and MN are in the log. So I head down to 40 meters and pull out the DSW-40. I spend about 45 minutes on 40, and came up with only 2 more QSOs - PA and MA are in the log. As 6pm approaches I decided it was time to head out for the drive home. I guess N2CQ must have given out VA to most of the guys who needed it and I never attracted enough attention to draw a crowd.

Still it was a good trip and worth the time. I gave a few guys the trail and managed to transmit from Clarke County VA for the first time. So now I'm down to six counties in VA I have not transmitted from. Us county hunters pay attention to such things.

CU all on the trail again. - Oh and it look like a short 2.5 mile hike form there to a spot in WV on the trail - I'm going to have to think about that one.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 22 Sep 2000 22:34:46 -0400
From: Richard Arland <k7sz@epix.net>
To: Appalachian Trail <atrail-l@lehigh.edu>, Eastern PA QRP Club <epaqrp-l@lehigh.edu>, QRP List <qrp-l@lehigh.edu>
Subject: [80066] VT on the Appalachain Trail
Message-ID: <39CC16C6.4FF2612A@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked John, KB1ENS from Norwich, VT on the AT on 7039.83. He was 339 in NE PA (near Scranton) but Ron, WB3AAL worked him from Berks county (he was also on the AT at the time) and gave John a 559.

Nice catch!!! Only 9 more to go!

73 Rich K7SZ

End of QRP-L Digest 1952

